Page 1 of 13

Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

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Figure 1 – page 1

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Page 2 of 13

Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

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Figur 1 – page 2

tgaaaactcaatttgtaactctttgctatggctggttgagaagtgtcagctggaaaacggctctttcaa ggaaaattccccaatatctaccaataaaattacagggtactttgcctgctgaagcccaagagaaaacttt gtatcttacagccttttctgtgattggaattagaaaggcagttgacatatgccccaccatgaaaatcca cacagegetagataaageegacteetteetgettgaaaaeaeeetgeeateeaagageaeetteaeaet cctgaggaaggaagcttttgttaaaggtgatccgcccatttaccgttactggagagataccctcaaacg tccagacagctctgtgcccagcagcggcacagcaggtatggttgaaaccacagcctatgctttgctcgc cagcctgaaactgaaggatatgaattacgccaaccccatcatcaagtggctatctgaagagcagaggta tggaggcggcttttattccacccaggatacgattaatgccatcgagggcctgacagaatattcactcct gttaaaacaaattcatttggatatggacatcaatgtcgcctacaaacacgaaggtgacttccacaagta taaggtgacagagaagcatttcctggggaggccagtggaggtatctctcaatgatgaccttgttgtcag cacaggctacagcagtggcttggccacagtatatgtaaaaactgtggttcacaaaattagtgtctctgaggaattttgcagcttttacttgaaaattgatacccaagatattgaagcatccagccacttcaggctcagtgactctggattcaagcgcataatagcatgtgccagctacaagcccagcaaggaggagtcaacatccgg gtcctcccatgcagtaatggatatatcactgccgactggaatcggagcaaacgaggaagatttacgggc tcttgtggaaggagtggatcaactactaactgattaccagatcaaagatggccatgtcattctgcaact gaattcgatcccctccagagatttcctctgtgtccggttccggatatttgaacttttccaagttgggtttctgaatcctgctaccttcacggtgtacgagtatcacagaccagataagcagtgcaccatgatttatag catttctgacaccaggcttcagaaagtctgtgaaggagcagcttgcacatgtgtggaagctgactgtgc gcaactgcaggcagaagtagacctagccatctctgcagactccagaaaagagaaagcctgtaaaccaga gactgcatatgcttataaagtcaggatcacatcagccactgaagaaaatgtttttgtcaagtacactgcgactcttctggtcacttacaaaacaggggaagctgctgatgagaattcggaggtcaccttcattaaaaagatgagctgtaccaatgccaacctggtgaaagggaagcagtatttaatcatgggcaaagaggttctgca gatcaaacacaatttcagtttcaagtatatataccctctagattcctccacctggattgaatattggcccacagacaacagtgtccatcctgtcaagcatttgtagagaatttgaataactttgctgaagacctctttttaaacagctgtgaatgaaaagttctgctgcacgaagattcctcctgcggcgggggggttgctcctcc gactttgtgaaatggatagccttgagggggggggagacgaaaacaggtccccccaaggctatcagatgtcagtgc caatagactgaaacaagtctgtaaagttagcagtcagggggtgttgggttggggccggaagaagagaccca taaaatcttgactttgcactc (SEQ ID NO:1)

Page 3 of 13

Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

Figure 2 – page 1

MetGlyLeuTrpGlyIleLeuCysLeuLeuIlePheLeuAspLysThrTrpGlyGlnGluGlnThrTyr ValIleSerAlaProLysIleLeuArgValGlySerSerGluAsnValValIleGlnValHisGlyTyr ThrGluAlaPheAspAlaThrLeuSerLeuLysSerTyrProAspLysLysValThrPheSerSerGly TyrValAsnLeuSerProGluAsnLysPheGlnAsnAlaAlaLeuLeuThrLeuGlnProAsnGlnVal ProArgGluGluSerProValSerHisValTyrLeuGluValValSerLysHisPheSerLysSerLys LysIleProIleThrTyrAsnAsnGlyIleLeuPheIleHisThrAspLysProValTyrThrProAsp GlnSerValLysIleArgValTyrSerLeuGlyAspAspLeuLysProAlaLysArqGluThrValLeu ThrPheIleAspProGluGlySerGluValAspIleValGluGluAsnAspTyrThrGlyIleIleSer PheProAspPheLysIleProSerAsnProLysTyrGlyValTrpThrIleLysAlaAsnTyrLysLys AspPheThrThrThrGlyThrAlaTyrPheGluIleLysGluTyrValLeuProArgPheSerValSer IleGluLeuGluArgThrPheIleGlyTyrLysAsnPheLysAsnPheGluIleThrValLysAlaArg TyrPheTyrAsnLysValValProAspAlaGluValTyrAlaPhePheGlyLeuArgGluAspIleLys AspGluGluLysGlnMetMetHisLysAlaThrGlnAlaAlaLysLeuValAspGlyValAlaGlnIle ${\tt SerPheAspSerGluThrAlaValLysGluLeuSerTyrAsnSerLeuGluAspLeuAsnAsnLysTyr}$ LeuTyrIleAlaValThrValThrGluSerSerGlyGlyPheSerGluGluAlaGluIleProGlyVal LysTyrValLeuSerProTyrThrLeuAsnLeuValAlaThrProLeuPheValLysProGlyIlePro $\label{eq:pheserlecy} PheSerlecysAlaGlnValLysAspSerLeuGluGlnAlaValGlyGlyValProValThrLeuMet$ AlaGlnThrValAspValAsnGlnGluThrSerAspLeuGluThrLysArqSerIleThrHisAspThr AspGlyValAlaValPheValLeuAsnLeuProSerAsnValThrValLeuLysPheGluIleArgThr AspAspProGluLeuProGluGluAsnGlnAlaSerLysGluTyrGluAlaValAlaTyrSerSerLeu SerGlnSerTyrIleTyrIleAlaTrpThrGluAsnTyrLysProMetLeuValGlyGluTyrLeuAsn IleMetValThrProLysSerProTyrIleAspLysIleThrHisTyrAsnTyrLeuIleLeuSerLys GlyLysIleValGlnTyrGlyThrArgGluLysLeuPheSerSerThrTyrGlnAsnIleAsnIlePro ValThrGlnAsnMetValProSerAlaArgLeuLeuValTyrTyrIleValThrGlyGluGlnThrAla GluLeuValAlaAspAlaValTrpIleAsnIleGluGluLysCysGlyAsnGlnLeuGlnValHisLeu SerProAspGluTyrValTyrSerProGlyGlnThrValSerLeuAspMetValThrGluAlaAspSer TrpValAlaLeuSerAlaValAspArgAlaValTyrLysValGlnGlyAsnAlaLysArgAlaMetGln ArgValPheGlnAlaLeuAspGluLysSerAspLeuGlyCysGlyAlaGlyGlyGlyHisAspAsnAla AspValPheHisLeuAlaGlyLeuThrPheLeuThrAsnAlaAsnAlaAspAspSerHisTyrArgAsp AspSerCysLysGluIleLeuArgSerLysArgAsnLeuHisLeuLeuArgGlnLysIleGluGluGln AlaAlaLysTyrLysHisSerValProLysLysCysCysTyrAspGlyAlaArqValAsnPheTyrGlu ThrCysGluGluArgValAlaArgValThrIleGlyProLeuCysIleArgAlaPheAsnGluCysCys ThrIleAlaAsnLysIleArgLysGluSerProHisLysProValGlnLeuGlyArgIleHisIleLys ThrLeuLeuProValMetLysAlaAspIleArgSerTyrPheProGluSerTrpLeuTrpGluIleHis ArgValProLysArgLysGlnLeuGlnValThrLeuProAspSerLeuThrThrTrpGluIleGlnGly IleGlyIleSerAspAsnGlyIleCysValAlaAspThrLeuLysAlaLysValPheLysGluValPhe LeuGluMetAsnIleProTyrSerValValArgGlyGluGlnIleGlnLeuLysGlyThrValTyrAsn TyrMetThrSerGlyThrLysPheCysValLysMetSerAlaValGluGlyIleCysThrSerGlySer SerAlaAlaSerLeuHisThrSerArgProSerArgCysValPheGlnArgIleGluGlySerSerSer ${\tt HisLeuValThrPheThrLeuLeuProLeuGluIleGlyLeuHisSerIleAsnPheSerLeuGluThr}$ SerPheGlyLysAspIleLeuValLysThrLeuArgValValProGluGlyValLysArgGluSerTyr AlaGlyVallleLeuAspProLysGlyIleArgGlyIleValAsnArgArgLysGluPheProTyrArg IleProLeuAspLeuValProLysThrLysValGluArgIleLeuSerValLysGlyLeuLeuValGly GluPheLeuSerThrValLeuSerLysGluGlyIleAsnIleLeuThrHisLeuProLysGlySerAla ${\tt GluAlaGluLeuMetSerIleAlaProValPheTyrValPheHisTyrLeuGluAlaGlyAsnHisTrp}$ AsnIlePheTyrProAspThrLeuSerLysArgGlnSerLeuGluLysLysIleLysGlnGlyValVal SerValMetSerTyrArgAsnAlaAspTyrSerTyrSerMetTrpLysGlyAlaSerAlaSerThrTrp LeuThrAlaPheAlaLeuArgValLeuGlyGlnValAlaLysTyrValLysGlnAspGluAsnSerIle CysAsnSerLeuLeuTrpLeuValGluLysCysGlnLeuGluAsnGlySerPheLysGluAsnSerGln

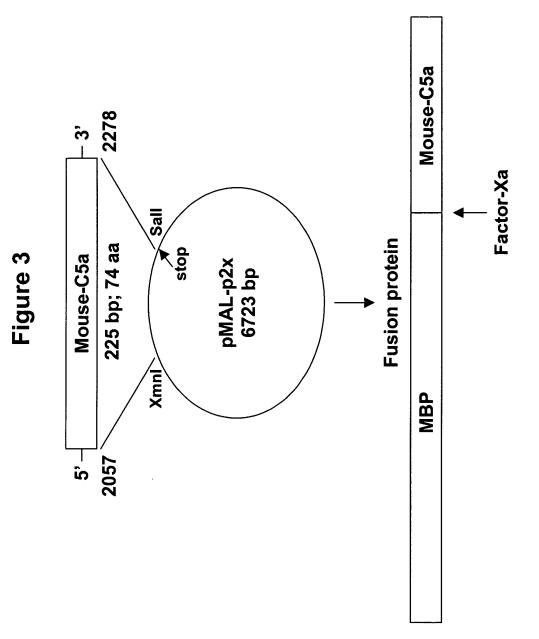
Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

Figure 2 – page 2

Page 4 of 13

TyrLeuProIleLysLeuGlnGlyThrLeuProAlaGluAlaGlnGluLysThrLeuTyrLeuThrAla PheSerVallleGlyIleArgLysAlaValAspIleCysProThrMetLysIleHisThrAlaLeuAsp TyrAlaLeuSerLeuGlyAspArgThrHisProArgPheArgLeuIleValSerAlaLeuArgLysGlu AlaPheValLysGlyAspProProIleTyrArqTyrTrpArqAspThrLeuLysArqProAspSerSer $\label{eq:ValProSerSerGlyThrAlaGlyMetValGluThrThrAlaTyrAlaLeuLeuAlaSerLeuLysLeu} \\$ $\label{eq:lyshsphere} LysAspMetAsnTyrAlaAsnProIleIleLysTrpLeuSerGluGluGlnArgTyrGlyGlyGlyPhe$ TyrSerThrGlnAspThrIleAsnAlaIleGluGlyLeuThrGluTyrSerLeuLeuLeuLysGlnIle HisLeuAspMetAspIleAsnValAlaTyrLysHisGluGlyAspPheHisLysTyrLysValThrGlu LysHisPheLeuGlyArgProValGluValSerLeuAsnAspAspLeuValValSerThrGlyTyrSer SerGlyLeuAlaThrValTyrValLysThrValValHisLysIleSerValSerGluGluPheCysSer PheTyrLeuLysIleAspThrGlnAspIleGluAlaSerSerHisPheArgLeuSerAspSerGlyPhe $\label{eq:lysArgIleIleAlaCysAlaSerTyrLysProSerLysGluGluSerThrSerGlySerSerHisAla$ ValMetAspIleSerLeuProThrGlyIleGlyAlaAsnGluGluAspLeuArqAlaLeuValGluGly ValAspGlnLeuLeuThrAspTyrGlnIleLysAspGlyHisValIleLeuGlnLeuAsnSerIlePro SerArqAspPheLeuCysValArqPheArqIlePheGluLeuPheGlnValGlyPheLeuAsnProAla ThrPheThrValTyrGluTyrHisArgProAspLysGlnCysThrMetIleTyrSerIleSerAspThr ArgLeuGlnLysValCysGluGlyAlaAlaCysThrCysValGluAlaAspCysAlaGlnLeuGlnAla GluValAspLeuAlaIleSerAlaAspSerArgLysGluLysAlaCysLysProGluThrAlaTyrAla TyrLysValArqIleThrSerAlaThrGluGluAsnValPheValLysTyrThrAlaThrLeuLeuVal ThrTyrLysThrGlyGluAlaAlaAspGluAsnSerGluValThrPheIleLysLysMetSerCysThr AsnAlaAsnLeuValLysGlyLysGlnTyrLeuIleMetGlyLysGluValLeuGlnIleLysHisAsn PheSerPheLysTyrIleTyrProLeuAspSerSerThrTrpIleGluTyrTrpProThrAspThrThr $\label{eq:cysProSerCysGlnAlaPheValGluAsnLeuAsnAsnPheAlaGluAspLeuPheLeuAsnSerCys$ Glu (SEQ ID NO:2)





Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

Figure 4

Page 6 of 13

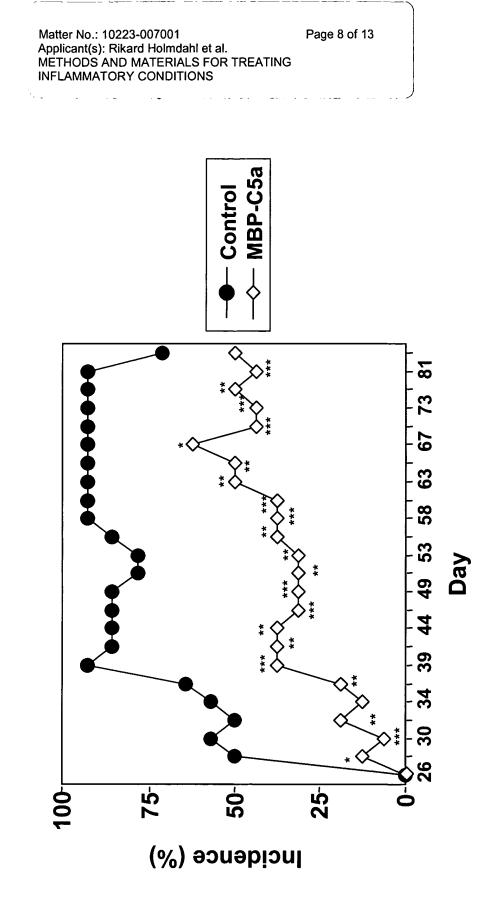
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Page 7 of 13

Matter No.: 10223-007001 Applicant(s): Rikard Holmdahl et al. METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS

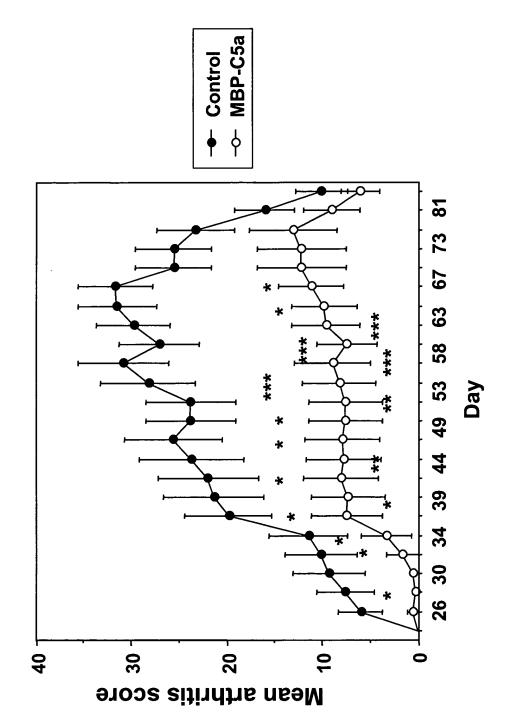
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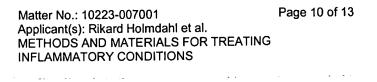
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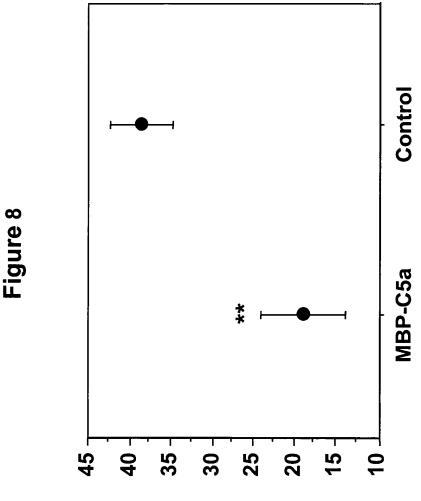


Matter No.: 10223-007001Page 9 of 13Applicant(s): Rikard Holmdahl et al.METHODS AND MATERIALS FOR TREATINGINFLAMMATORY CONDITIONS

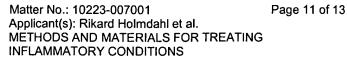




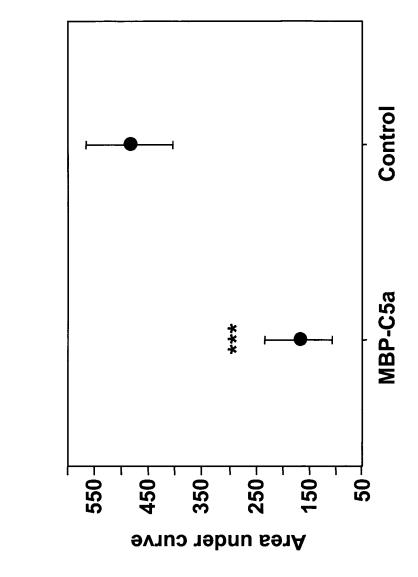
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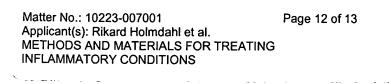


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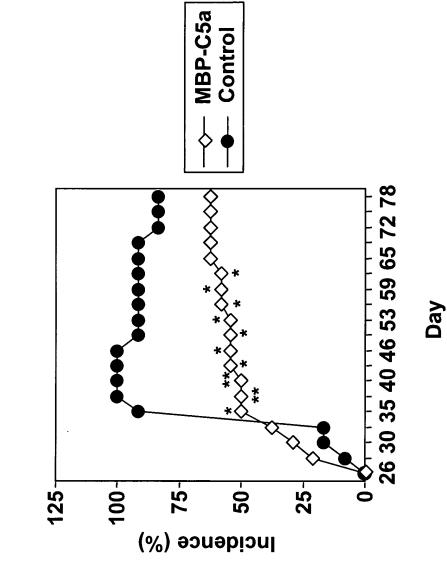
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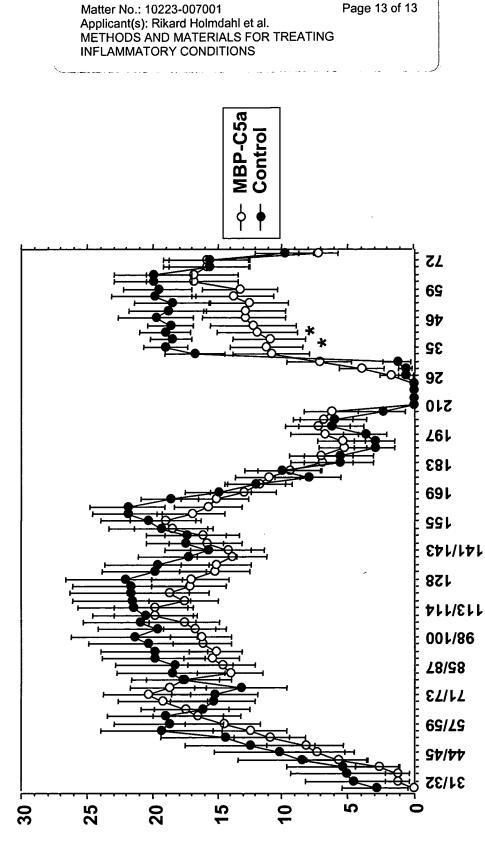




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